

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011917

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C25B1/36 C25B9/00 C25B9/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C25B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 560 355 A (HIROSHI SHIBATA ET AL) 2 February 1971 (1971-02-02)	1-5, 14, 20, 21, 23, 24, 26
A	abstract	6-13, 15-19, 22, 25
A	column 2, line 23 - line 38 column 3, line 49 - line 72; figure 3	
A	GB 1 179 662 A (ORONZION DE NORA IMPIANTI ELETTRICIMICI S.A.S.) 28 January 1970 (1970-01-28) column 2, line 48 - line 78; figures 1, 6	1-26
A	US 4 107 020 A (BROCHIER ET AL) 15 August 1978 (1978-08-15) column 5, line 4 - line 7	1-26

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

27 July 2005

Date of mailing of the international search report

31/08/2005

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3560355	A	02-02-1971	JP 52020960 B	07-06-1977
			BE 713924 A	21-10-1968
			BE 713925 A	21-10-1968
			CH 474451 A	30-06-1969
			CH 474450 A	30-06-1969
			DE 1767243 B1	02-12-1971
			DE 1767257 A1	05-01-1972
			DK 121223 B	27-09-1971
			DK 122755 B	10-04-1972
			ES 353084 A1	16-01-1970
			ES 353445 A1	16-01-1970
			FR 1569932 A	06-06-1969
			FR 1569944 A	06-06-1969
			GB 1207614 A	07-10-1970
			GB 1218257 A	06-01-1971
			NL 134892 C	
			NL 6805469 A	21-10-1968
			NL 6805470 A	21-10-1968
			NO 120677 B	23-11-1970
			NO 120366 B	12-10-1970
			SE 337010 B	26-07-1971
			SE 359284 B	27-08-1973
			SU 369749 A3	08-02-1973
			SU 374844 A3	20-03-1973
			US 3575837 A	20-04-1971
GB 1179662	A	28-01-1970	BE 711576 A	15-07-1968
			DE 1671467 A1	02-09-1971
			FR 1566457 A	09-05-1969
			GB 1061445 A	15-03-1967
			NL 6802168 A	04-09-1968
			US 3499829 A	10-03-1970
US 4107020	A	15-08-1978	FR 2339685 A1	26-08-1977
			AR 211403 A2	15-12-1977
			AU 506595 B2	10-01-1980
			AU 2173077 A	03-08-1978
			BE 850881 A1	28-07-1977
			BR 7700556 A	13-12-1977
			CA 1083081 A1	05-08-1980
			CH 620249 A5	14-11-1980
			DE 2703456 A1	04-08-1977
			ES 455167 A1	01-02-1978
			FI 770275 A ,B,	31-07-1977
			GB 1516485 A	05-07-1978
			IT 1076015 B	22-04-1985
			JP 52094803 A	09-08-1977
			LU 76665 A1	09-08-1977
			NL 7700898 A	02-08-1977
			NO 770205 A ,B,	02-08-1977
			NZ 183194 A	25-09-1978
			OA 5552 A	30-04-1981
			SE 415109 B	08-09-1980
			SE 7700944 A	31-07-1977
			SU 716525 A3	15-02-1980
			ZA 7700432 A	29-03-1978

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